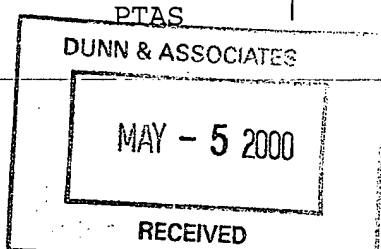




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APRIL 28, 2000

DUNN & ASSOCIATES
MICHAEL L. DUNN
P.O. BOX 10
NEWFANE, NY 14108



101279318A

UNITED STATES PATENT AND TRADEMARK OFFICE
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 02/07/2000

REEL/FRAME: 010574/0369
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ARNTZEN, CHARLES J.

DOC DATE: 01/25/2000

ASSIGNEE:

BOYCE THOMPSON INSTITUTE FOR PLANT
RESEARCH, INC.
TOWER ROAD
ITHACA, NEW YORK 14853-1801

SERIAL NUMBER: 09420695
PATENT NUMBER:

FILING DATE: 10/19/1999
ISSUE DATE:

SHIRLIE SIMON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-02-2000

To the Honorable Commissioner of Patents and Trademarks
thereof.

101279318

documents or copy

1. Name of conveying party(ies):

Charles J. Arntzen

FEB -7 PM 12:23

OPR/FINANCE

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 25, 2000

2. Name and address of receiving party(ies)

Name: Boyce Thompson Institute for Plant
Research, Inc.

Internal Address: Tower Road

Street Address: same as above

City: Ithaca State: New York ZIP: 14853-1801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/420,695

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Dunn & Associates

Internal Address: P.O. Box 10

Street Address: same as above

City: Newfane State: NY ZIP: 14108

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

03/02/2000 DEBITES 00000054 09420695

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document; however, the above information is not to be used to interpret the document which speaks for itself.

Michael L. Dunn

Name of Person Signing

Signature

Feb 4, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT OF INVENTION

WHEREAS, I, CHARLES J. ARNTZEN residing at 1005 Highland Road, Ithaca, New York 14850-1447, have invented certain new and useful improvements in:

**ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING
HEPATITIS SURFACE ANTIGEN**

for which I have made application for Letters Patent in the United States; and for which the specification was filed on October 19, 1999, and assigned U.S. Serial No. 09/420,695;

AND WHEREAS, BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., Tower Road, Ithaca, New York 14853-1801, a corporation of the State of New York, is desirous of acquiring all interest in said invention, said application disclosing the invention and any Letters Patent which may be granted therefor:

NOW THIS INDENTURE WITNESSETH, that for the sum of One Dollar, and other valuable consideration to me in hand paid, the receipt whereof is hereby acknowledged, I hereby assign, sell and transfer unto said BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC. the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto;

And I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., as the Assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., or its designee as BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., or its

- Assignee may from time-to-time present to me in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

WITNESS, my hand and seal this 25 day of January, 2000.

WITNESS:

z Paula O'Keefe

Charles J. Arntzen
Charles J. Arntzen

WITNESS:

z m m Kuyke

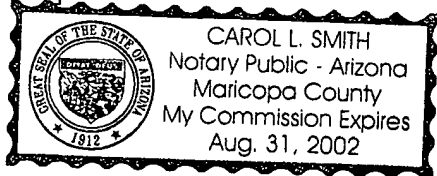
STATE OF ~~NEW YORK~~ Arizona

SS:

COUNTY OF Maricopa

On this 25 day of Jan in the year of 2000, before me, the subscriber, personally appeared CHARLES J. ARNTZEN to me known to be the person described in and who executed the foregoing instrument, and who acknowledged that he executed the same.

[SEAL]




Carol Kuyke
Notary Public

Docket No. RPP:156A US

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I certify that this Assignment for recordal is being deposited on February 4, 2000, with the U.S. Postal Service as first class mail addressed to the Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231.



Michael L. Dunn
Registration No. 25,330